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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number 223002006313	Application Number 08/441,355
	Applicant Michael HOUGHTON et al.	
	Filing Date May 15, 1995	Group Art Unit 1643
	Hand Delivered on: August 6, 2001	

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U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

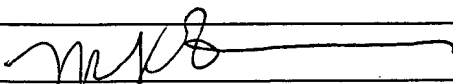
Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
MKB	1.	06/03/1997	WO 97/08310	WIPO			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
MKB	2.	Affidavit of Daniel Bradley, Ph.D., given on 8/12/99, in the Federal Court of Australia, New South Wales District Registry, No. G 1029 of 19997, Roche Australian litigation., pp. 1-26.
	3.	Amended Answer and Counterclaims of the Roche Defendants to Chiron's Amended and Second Supplemental Complaint, filed January 7, 2000, in the United States District Court for the Northern District of California, Chiron Corporation vs. F. Hoffmann-La Roche Ltd. et al., Civil Action No. C98-0315 CW, pp. 1-33.
	4.	Chiron Corporation's Amended and Second Supplemental Complaint and Demand for Jury Trial, filed June 1, 1999, in the United States District Court for the Northern District of California, Oakland Division, Chiron Corporation vs. F. Hoffmann-La Roche Ltd. et al., Civil Action No. C98-0315CW, pp. 1-16.
	5.	Chiron Corporations's Opening Brief on Claim Construction, filed March 1, 2000, in the United States District Court for the Northern District of California, Oakland Division, Chiron Corporation vs. F. Hoffmann-La Roche Ltd. et al., Civil Action No. C98-0315CW, pp. 1-25.
	6.	Chiron's Claim Construction Reply Brief, filed March 31, 2000, in the United States District Court for the Northern District of California, Oakland Division, Chiron Corporation vs. F. Hoffmann-La Roche Ltd. et al., Civil Action No. C98-0315CW, pp. 1-16.
	7.	Decision of EPO Board of Appeals mailed 2/23/01, issued 2/8/01 re: European Application No. 88310922.5-2106, File No. T0188 /97-334, Applicant: Chiron Corporation, Interlocutory decision of the Opposition Division of the European Patent Office posted 18 December 1996 concerning

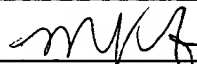
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		maintenance of European patent No. 0 318 216 in amended form.	
M/SB	8.	Kolykhalov et al., (1996) "Identification of a Highly Conserved Sequence Element at the 3' Terminus of Hepatitis C Virus Genome RNA" Journal of Virology, 70(6):3363-3371.	
	9.	October 22, 1998 Declaration of Dr. Daniel W. Bradley in connection with Roche's Invalidation Appeal Against Japanese Patent No. 2656995, pp. 1-34.	
	10.	Roche's Response Chart Pursuant to Civ. L. R. 16-9(b), filed January 24, 2000, in the United States District Court, Northern District of California, Chiron Corporation vs. F. Hoffman-La Roche Ltd., et al., Civil Action No. 98-0315 (CW), pp. 1-148.	
	11.	Roche's Responsive Brief re: Claim Construction, dated March 24, 2000, in the United States District Court for the Northern District of California, Oakland Division, Chiron Corporation vs. F. Hoffmann-La Roche Ltd. et al., Civil Action No. C98-0315CW, pp. 1-25.	
	12.	Tanaka et al., (1995) "A Novel Sequence Found at the 3' Terminus of Hepatitis C Virus Genome" Biochemical and Biophysical Research Communications 215(2): 744-749.	
	13.	Tanaka et al., (1996) "Structure of the 3' Terminus of the Hepatitis C Virus Genome" Journal of Virology 70(5): 3307-3312.	
	14.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 6/24/96, pp. 1-65.	
	15.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 6/25/96, pp. 66-134.	
	16.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 6/26/96, pp. 135-200.	
	17.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 6/27/96, pp. 201-241.	
	18.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 7/2/96, pp. 244-319.	
	19.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 7/3/96, pp. 320-391.	
	20.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 7/4/96, pp. 392-463.	
M/SB	21.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron	
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		Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 7/5/96, pp 464-539.
	22.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 7/8/96, pp. 540-610.
	23.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 7/9/96, pp. 610-683.
	24.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 7/10/96, pp 684-769.
	25.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 7/11/96, pp 770-854.
	26.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 7/12/96, pp. 855-959.
	27.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 7/15/96, pp. 960-1038.
	28.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 7/16/96, pp. 1039-1134.
	29.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 7/17/96, pp. 1135-1213. [p. 1214 is a blank page]
	30.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 7/18/96, pp. 1215-1294.
	31.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 7/19/96, pp. 1295-1385.
	32.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 7/29/96, pp. 1386-1465.
	33.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 7/30/96, pp. 1466-1537.


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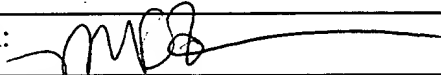
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	34.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 7/31/96, pp.1538-1603.
35.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 8/1/96, pp. 1604-1676.	
36.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 8/2/96, pp. 1677-1755.	
37.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 8/5/96, pp. 1756-1835.	
38.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 8/6/96, pp. 1836-1916.	
39.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 8/7/96, pp. 1917-1994.	
40.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 8/8/96, pp. 1995-2059.	
41.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 8/9/96, pp. 2060-2121.	
42.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 8/12/96 pp. 2122-2200.	
43.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 8/13/96 pp. 2201-2280.	
44.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 8/14/96, pp. 2281-2368.	
45.	Transcript of proceedings corresponding to Murex diagnostics Australia Pty Limited and Chiron Corp., Federation Court of Australia, New South Wales District Registry, General Division, dated 8/15/96, pp. 2369-2455.	
46.	Yanagi et al., (1997) "Transcripts from a single full length cDNA clone of hepatitis C virus are infectious when directly transfected into the liver of a chimpanzee." Proc. Natl. Acad. Sci U.S.A. 94:	

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		8738-8743.
	47.	Yamada et al., (1996) "Genetic Organization and Diversity of the 3' Noncoding Region of the Hepatitis C Virus Genome." Virology 223: 255-261.

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